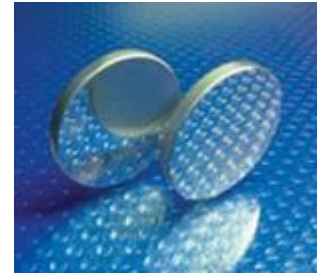


Aluminized Circular Flat Mirrors

Interferometer Quality

Specifications:

- Material: **Fused Silica**
- Dimension Tolerance: +0.0/-0.2mm
- Thickness tolerance: ± 0.2 mm
- Clear Aperture: >80%
- Parallelism: <3 arc min
- Surface Quality: 20/10
- Back Surface: Commercial polish
- Surface Accuracy: $\lambda / 20$ per 25mm @633nm
- Bevel: 0.25(+0.25/-0.00)mm \times 45
- Coating : Protected Aluminum, Enhanced Aluminum



Φ (mm)	T(mm)	Part No.
25.4	12.7	M-AC1001
50.8	15.9	M-AC1002
76.2	15.9	M-AC1003
101.6	19.1	M-AC1004
127.0	19.1	M-AC1005
152.4	25.4	M-AC1006

Research Quality

Specifications:

- Material: **Fused Silica, Pyrex, BK7**
- Dimension Tolerance: +0.0/-0.2mm
- Thickness tolerance: ± 0.2 mm
- Clear Aperture: >80%
- Parallelism: <3 arc min
- Surface Quality: 40/20
- Back Surface: Commercial polish
- Surface Accuracy: $\lambda / 10$ per 25mm @633nm
- Bevel: 0.25(+0.25/-0.00)mm \times 45
- Coating : Protected Aluminum, Enhanced Aluminum

Φ (mm)	T(mm)	Part No.
-------------	-------	----------

25.4	12.7	M-AC2001
25.4	6.2	M-AC3001
50.8	15.9	M-AC2002
50.8	9.5	M-AC3002
76.2	15.9	M-AC2003
76.2	12.7	M-AC3003
101.6	19.1	M-AC2004
101.6	15.8	M-AC4004
127.0	19.1	M-AC2005
152.4	25.4	M-AC5005
152.4	25.4	M-AC2006
203.0	33.8	M-AC6006

Laboratory Quality

Specifications:

- Material: **Fused Silica, Pyrex, BK7**
- Dimension Tolerance: +0.0/-0.2mm
- Thickness tolerance: ± 0.2 mm
- Clear Aperture: >80%
- Parallelism: <3 arc min
- Surface Quality: 60/40
- Back Surface: Commercial polish
- Surface Accuracy: $\lambda/4$ per 25mm @633nm
- Bevel: 0.25(+0.25/-0.00)mm \times 45
- Coating : Protected Aluminum, Enhanced Aluminum

Φ (mm)	T(mm)	Part No.
25.4	12.7	M-AC4001
50.8	15.9	M-AC4002
76.2	15.9	M-AC4003
101.6	19.1	M-AC4004
127.0	19.1	M-AC4005
152.4	25.4	M-AC4006

Utility Quality

Specifications:

- Material: **BK7, Crown Glass**

- Dimension Tolerance: +0.0/-0.2mm
- Thickness tolerance: ± 0.2 mm
- Clear Aperture: >80%
- Parallelism: <3 arc min
- Surface Quality: 80/50
- Back Surface: Commercial polish
- Surface Accuracy: 2λ per 25mm @633nm
- Bevel: 0.25(+0.25/-0.00)mm \times 45
- Coating : Protected Aluminum, Enhanced Aluminum

Φ (mm)	T(mm)	Part No.
25.4	5.7 ~ 6.35	M-AC5001
50.8	5.7 ~ 6.35	M-AC5002
76.2	5.7 ~ 6.35	M-AC5003
101.6	5.7 ~ 6.35	M-AC5004
127.0	5.7 ~ 6.35	M-AC5005
152.4	5.7 ~ 6.35	M-AC5006